

This Page Is Inserted by IFW Operations  
and is not a part of the Official Record

## **BEST AVAILABLE IMAGES**

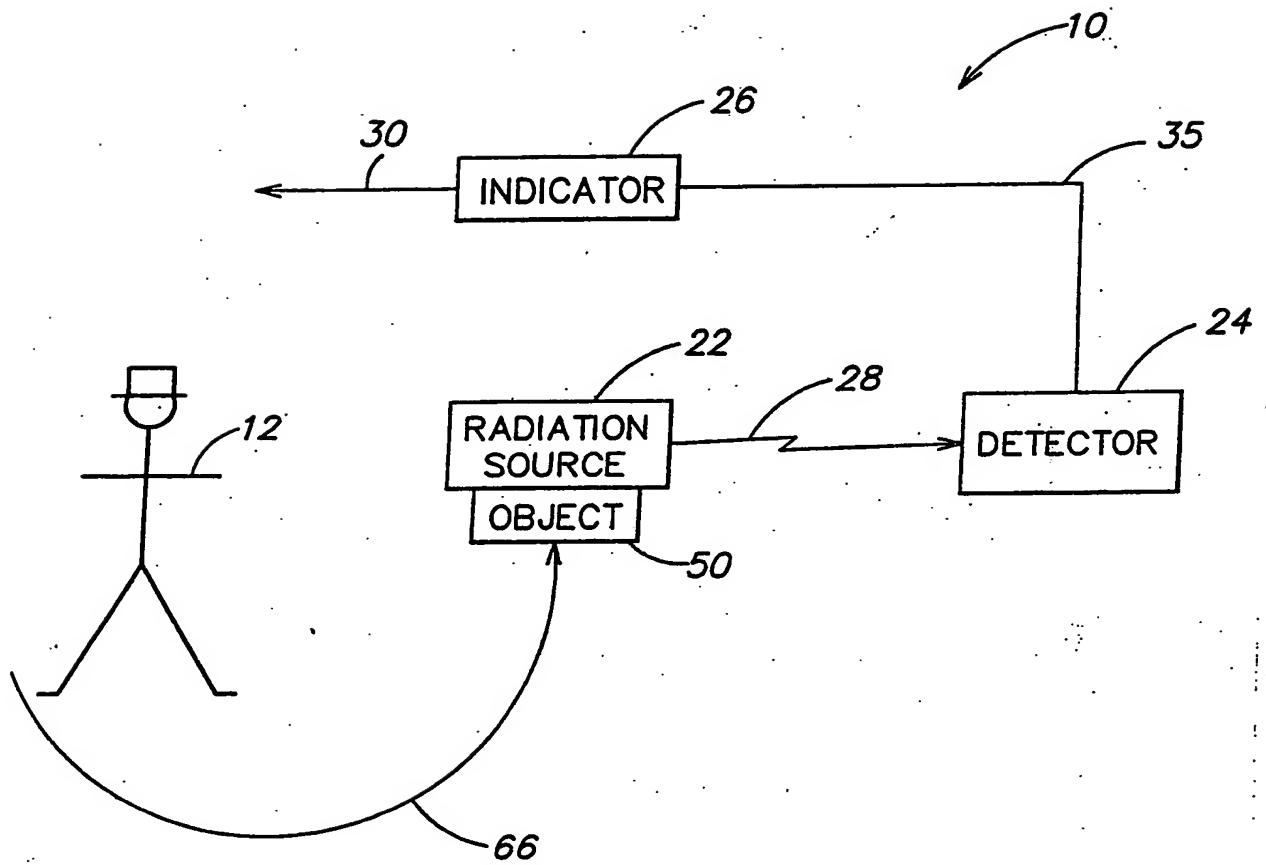
Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

**IMAGES ARE BEST AVAILABLE COPY.**

**As rescanning documents *will not* correct images,  
please do not report the images to the  
Image Problem Mailbox.**

**FIG. 1**

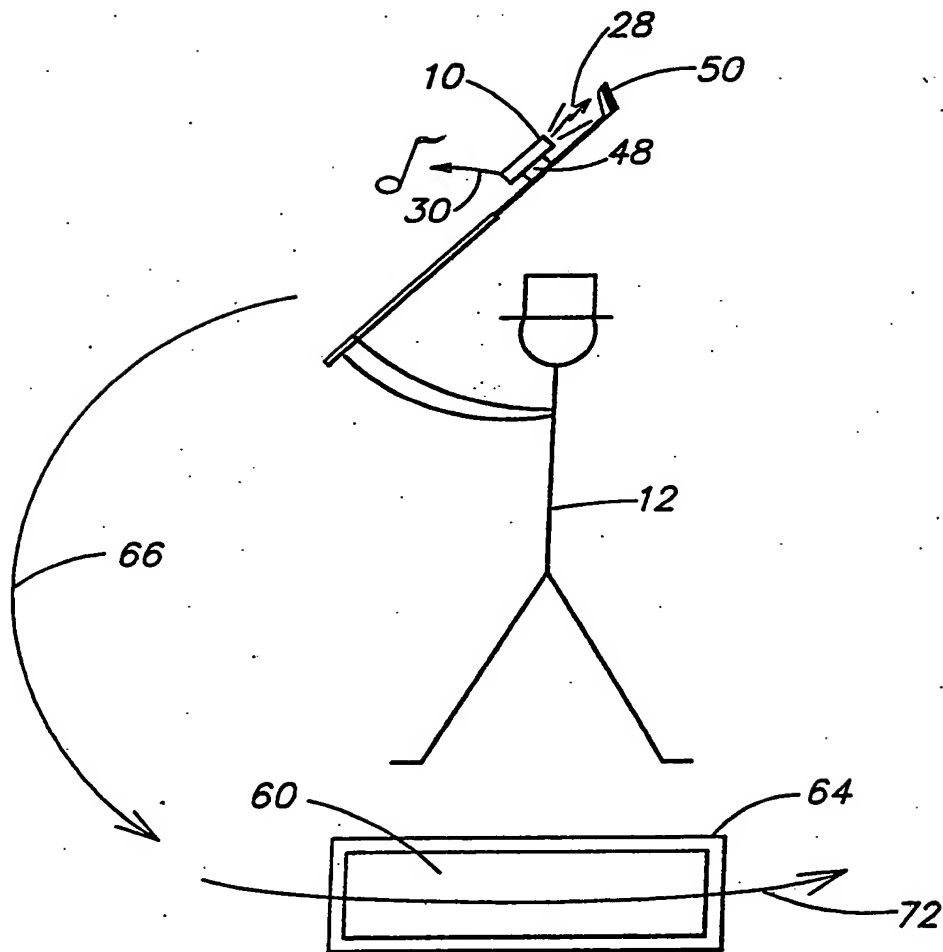
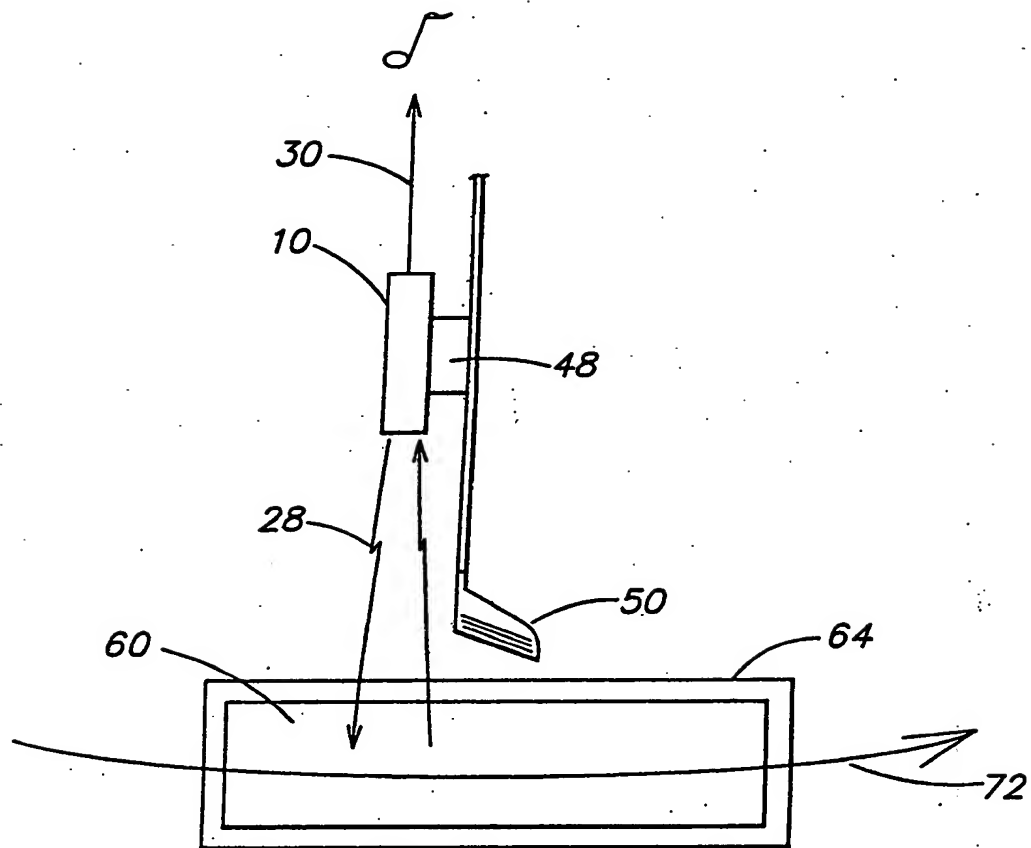


FIG. 2

**FIG 3**

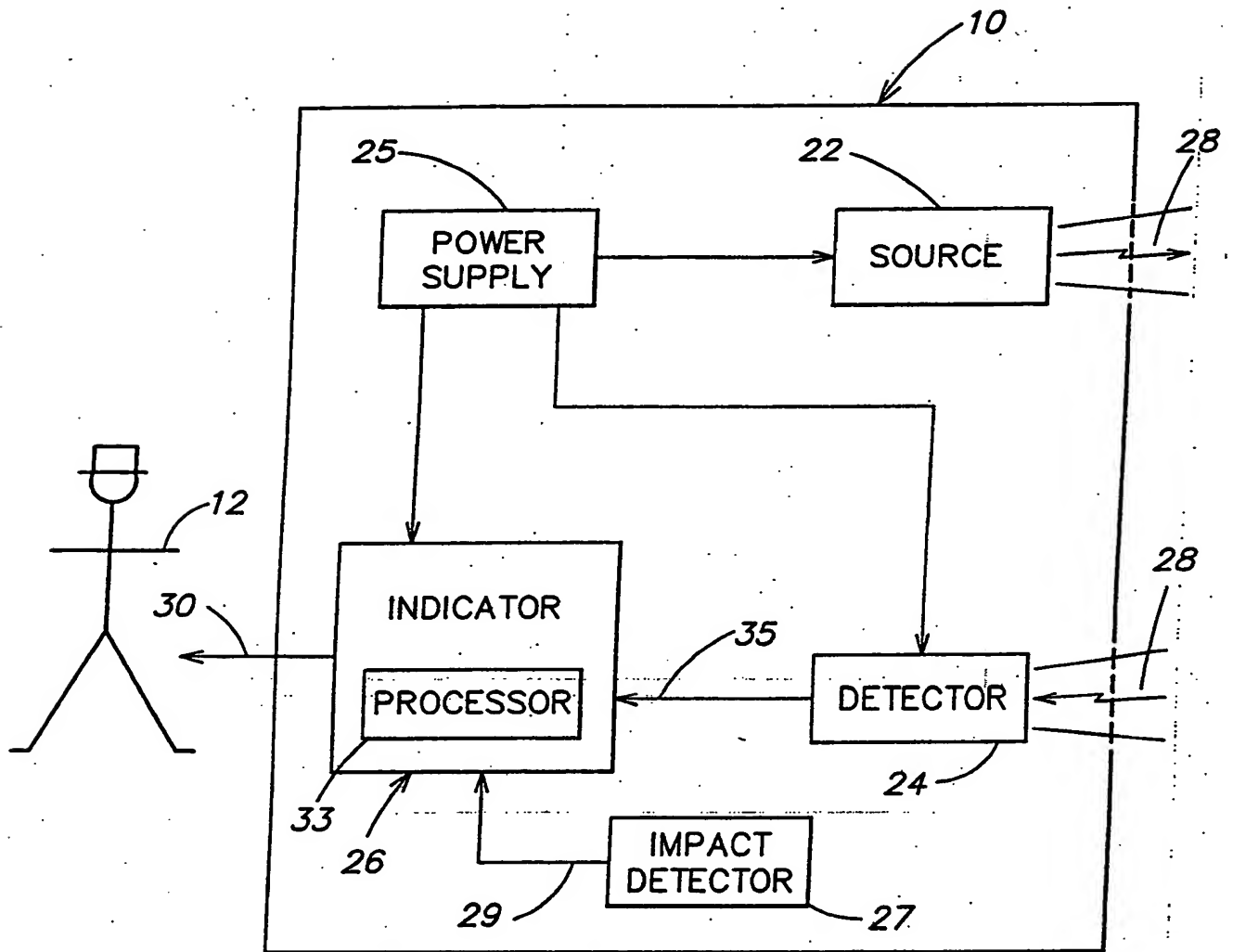


FIG 4

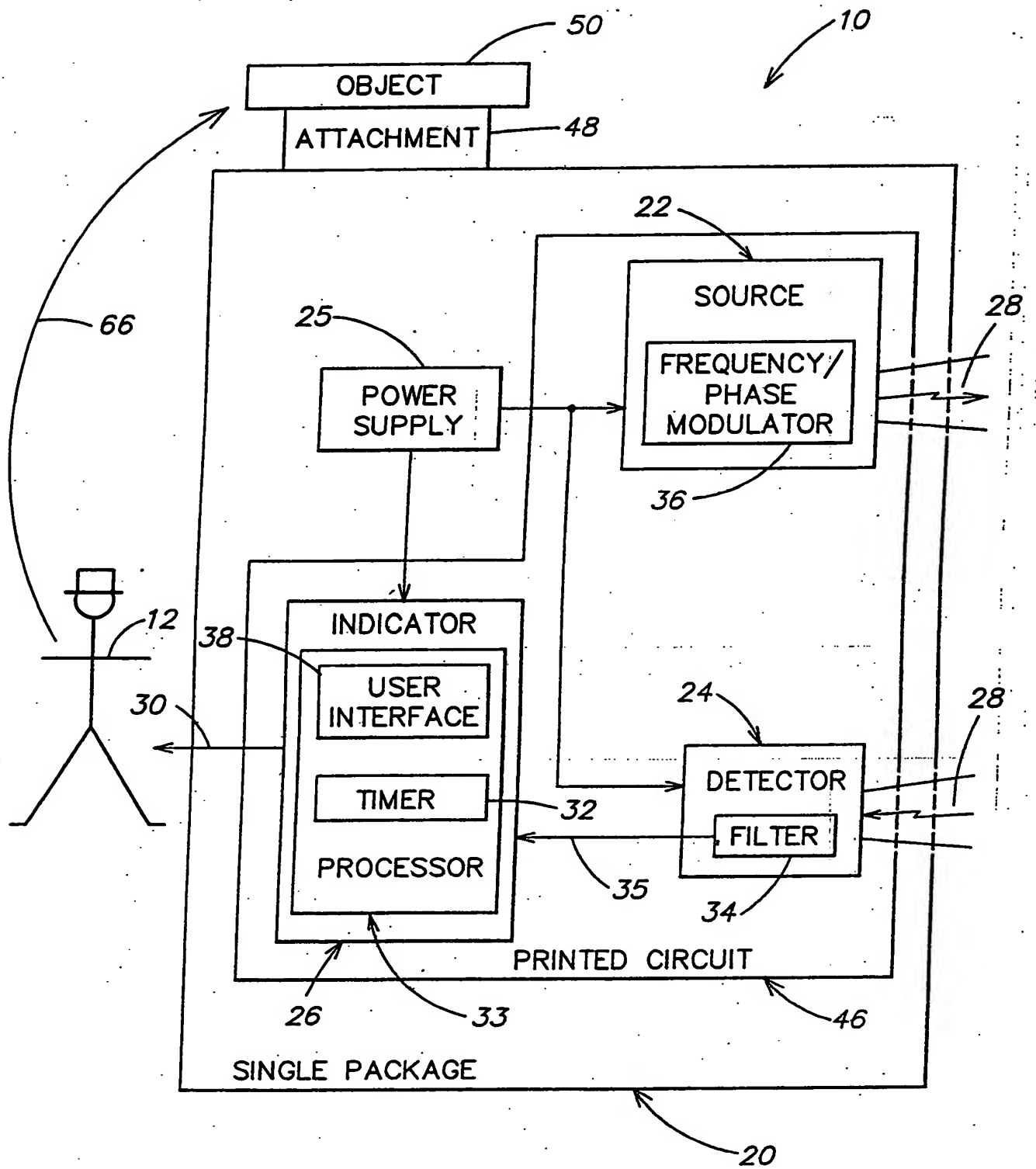


FIG. 5

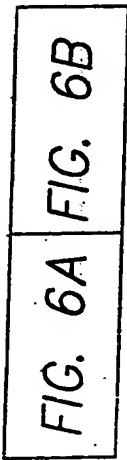


FIG. 6A

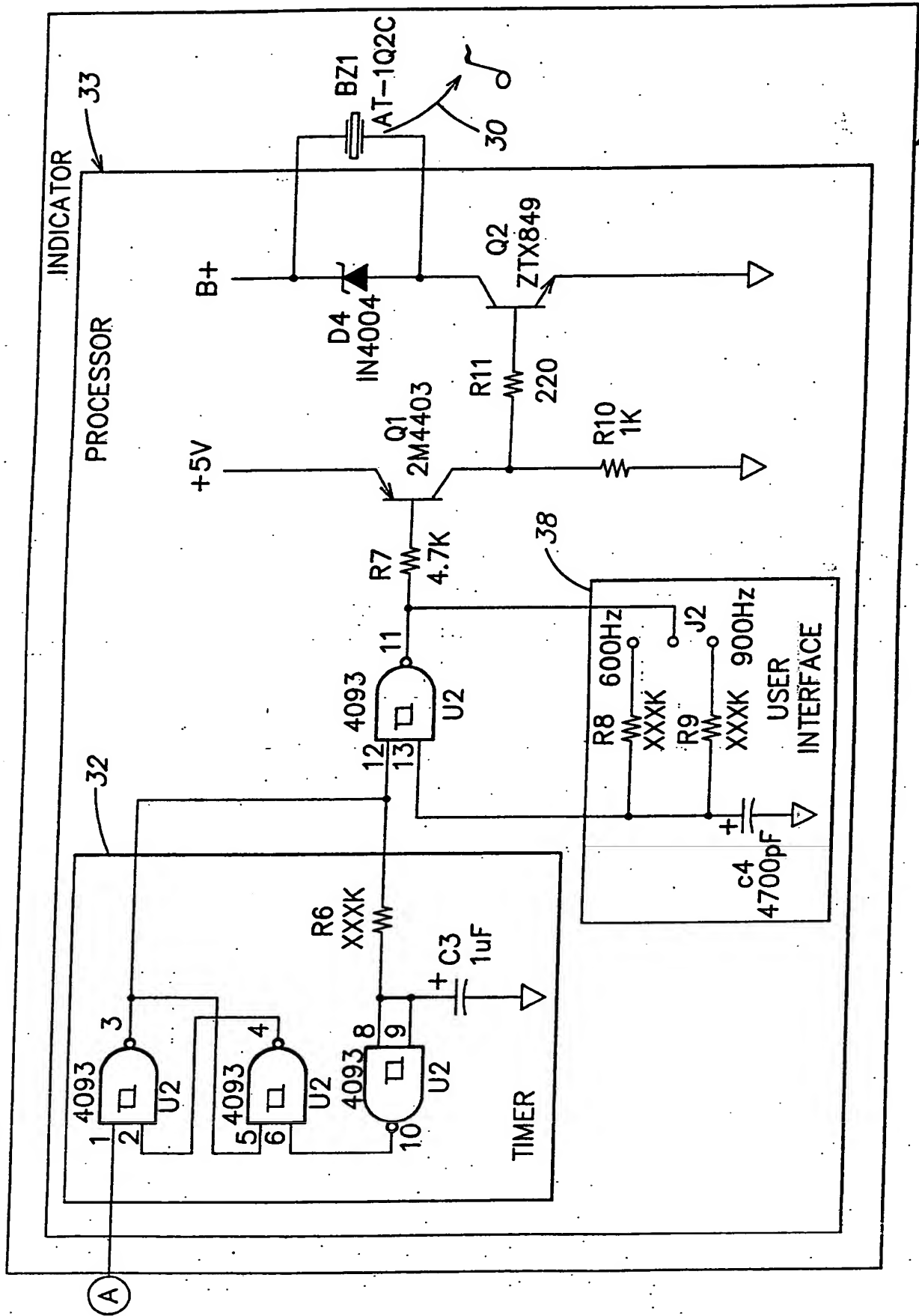
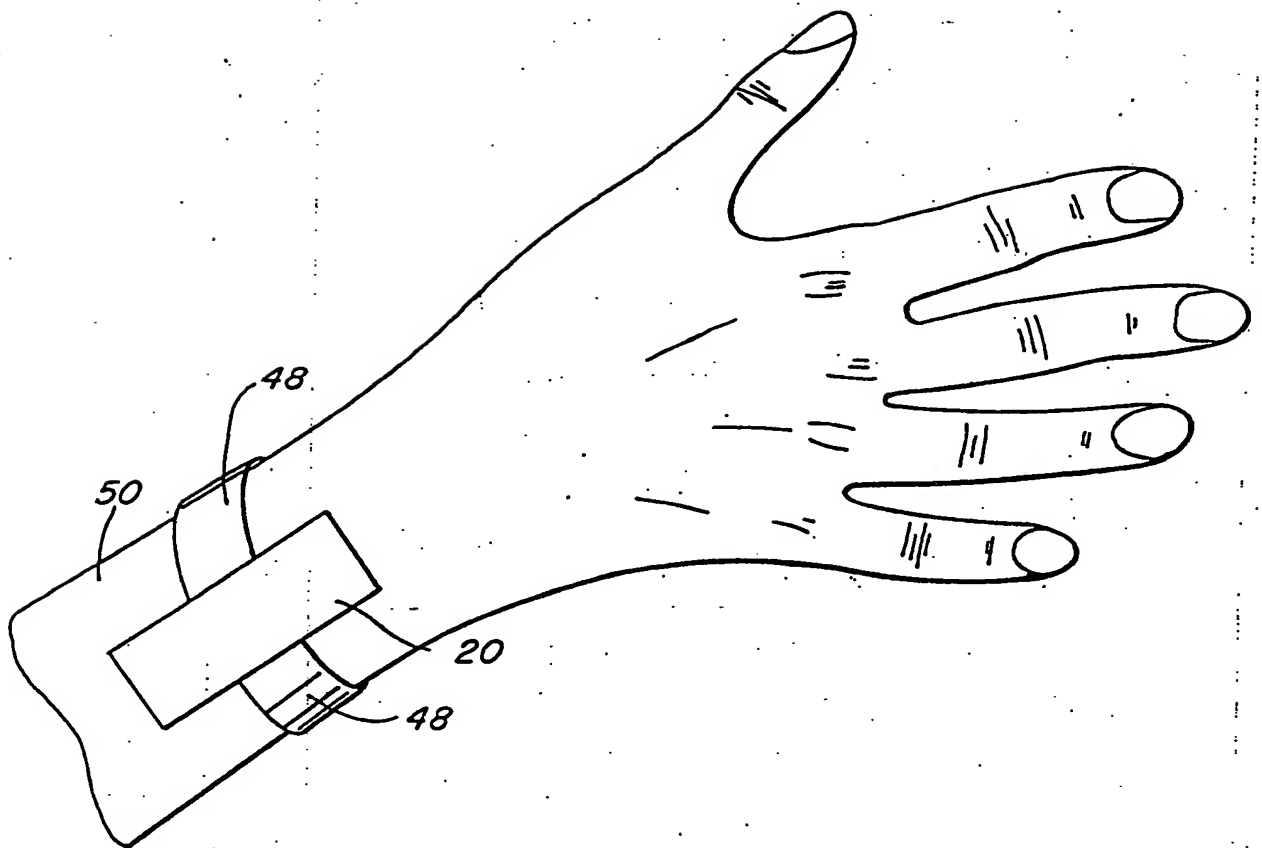
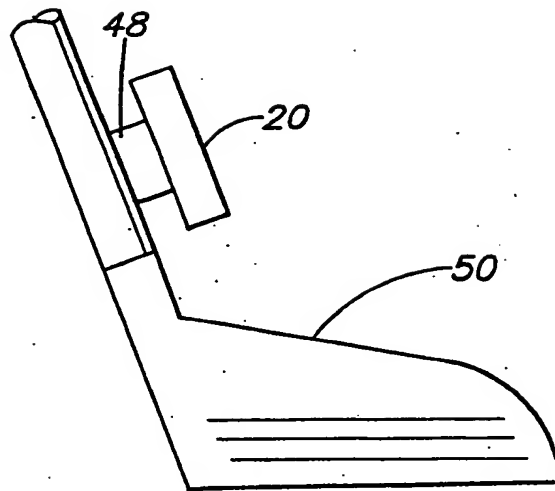


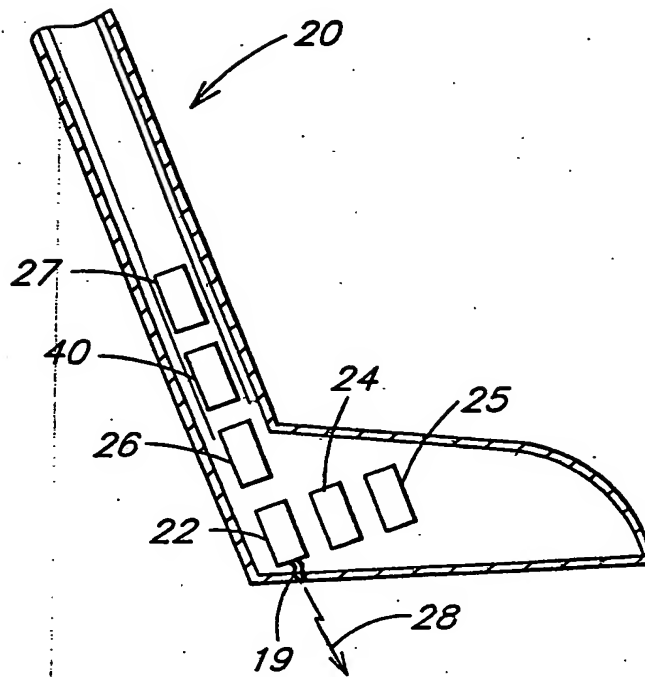
FIG. 6B

**FIG. 7**

9/36

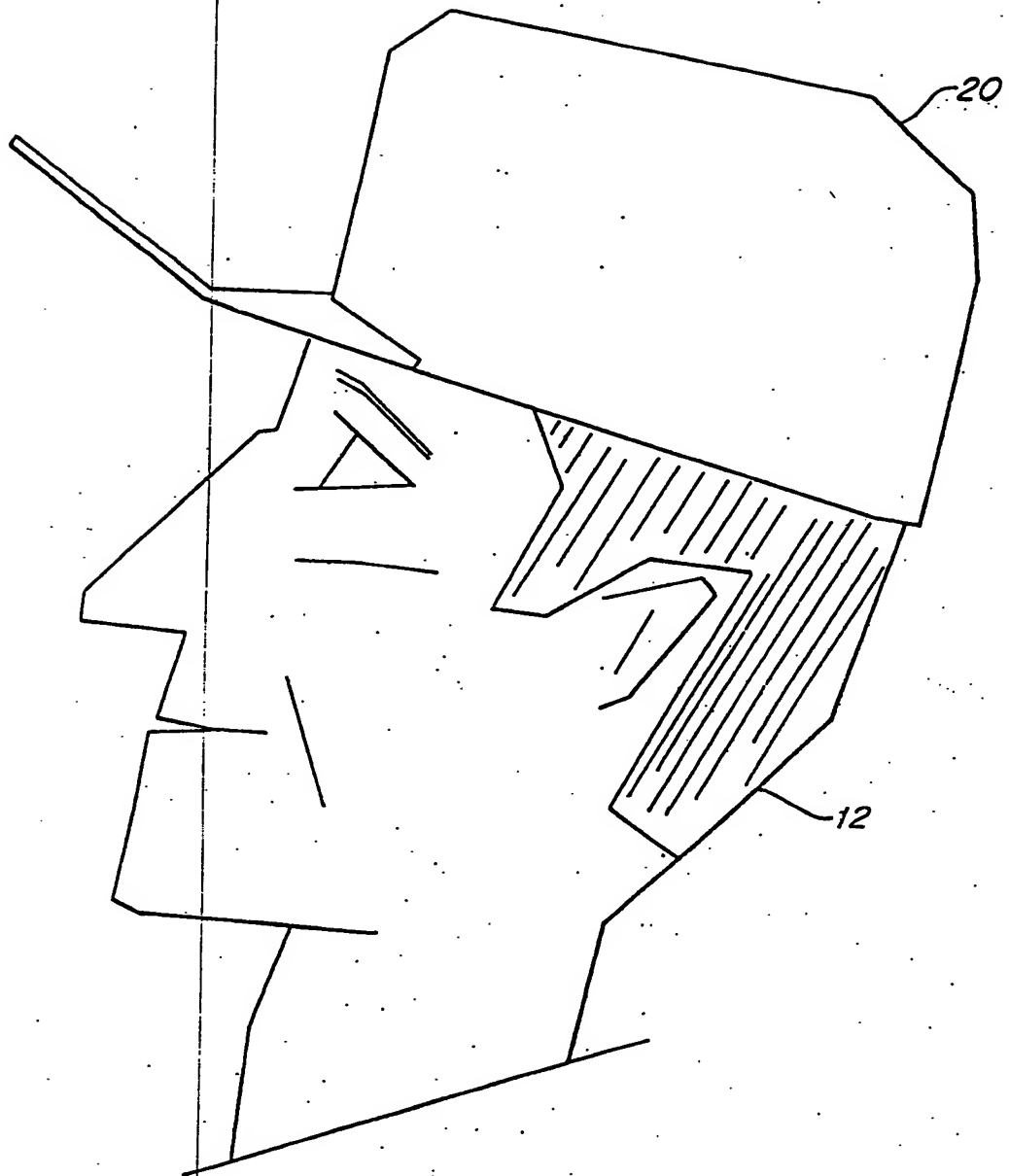


**FIG. 8**



**FIG. 10**

10/36



**FIG. 9**

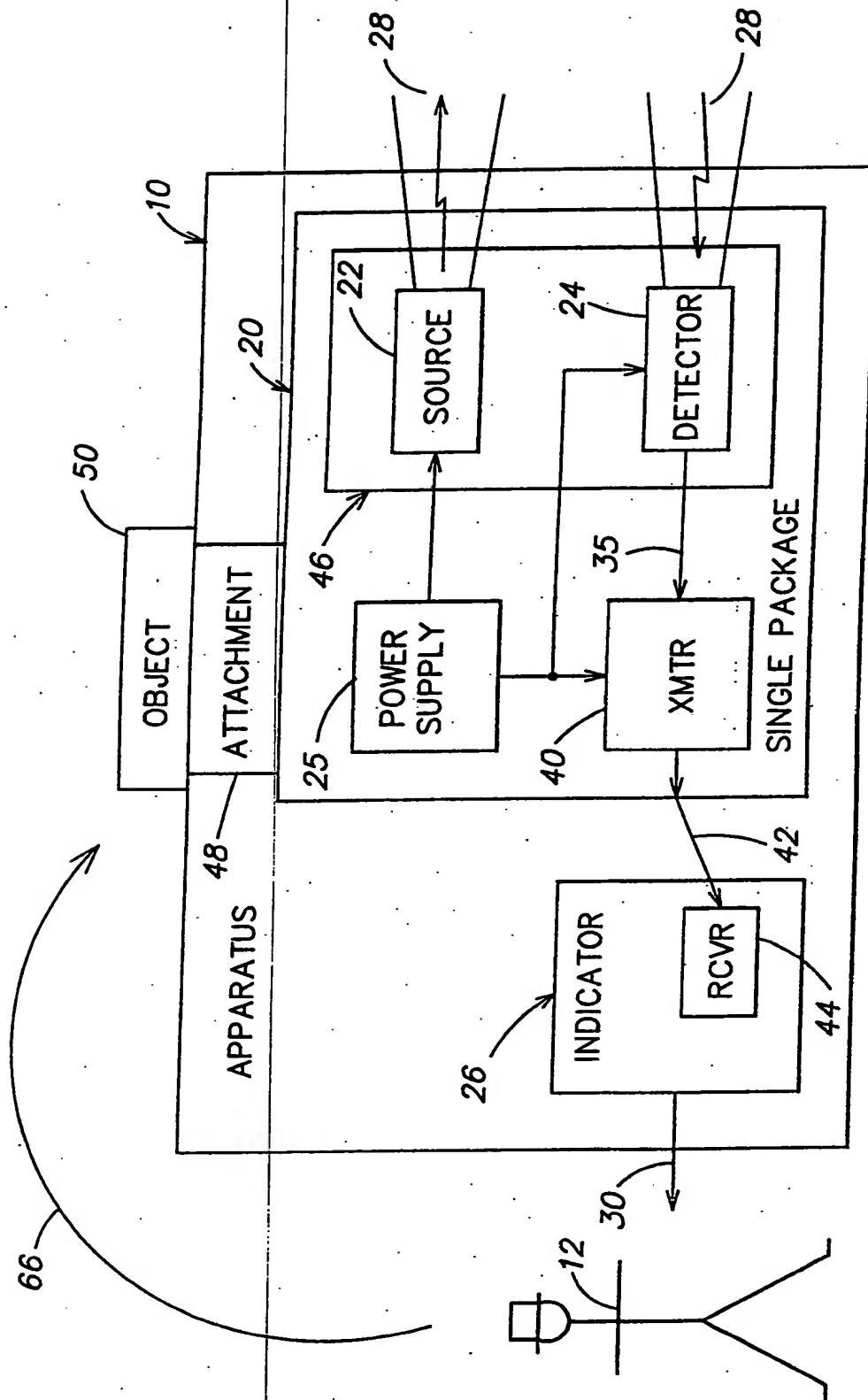
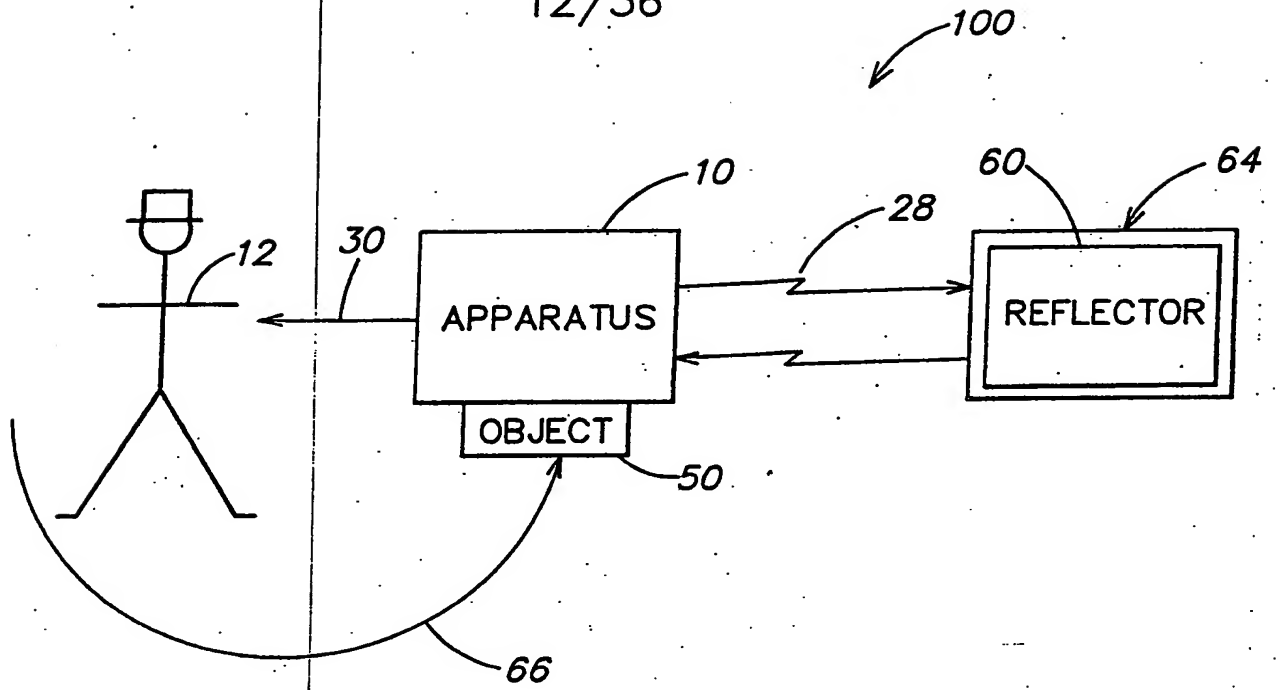
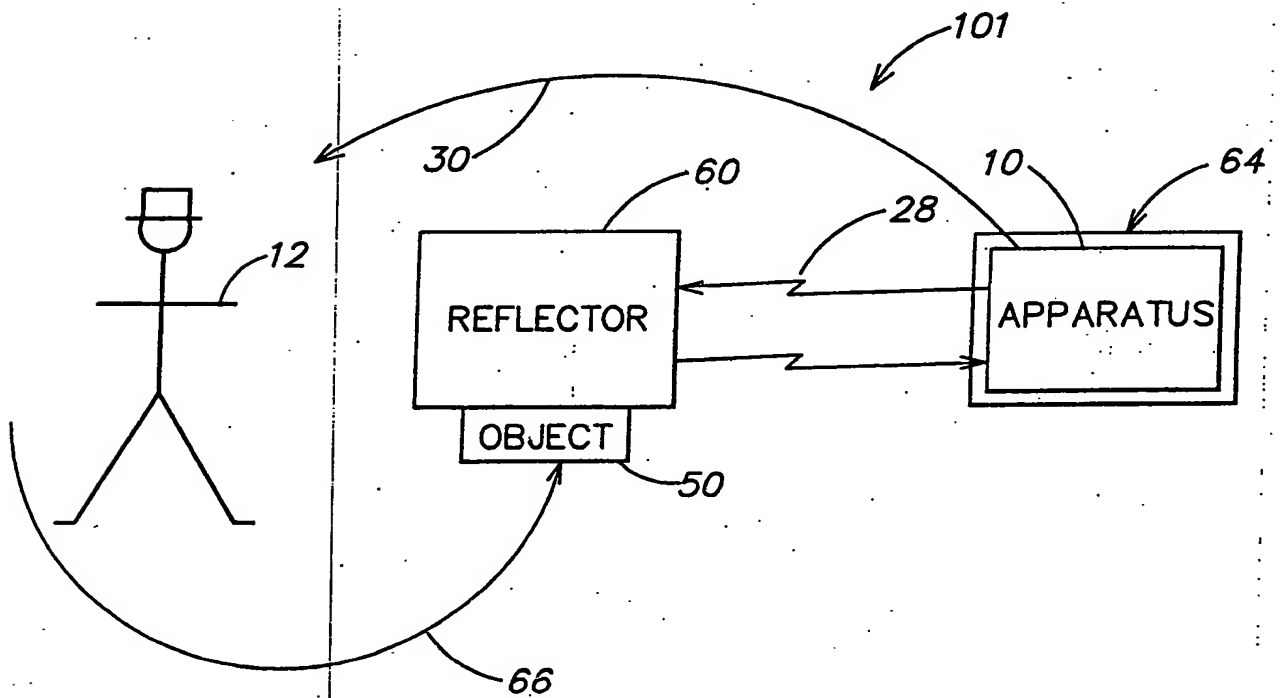


FIG 11

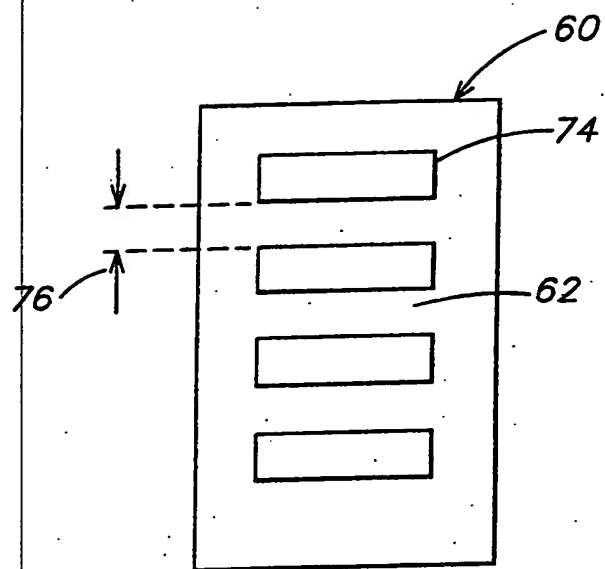
12/36



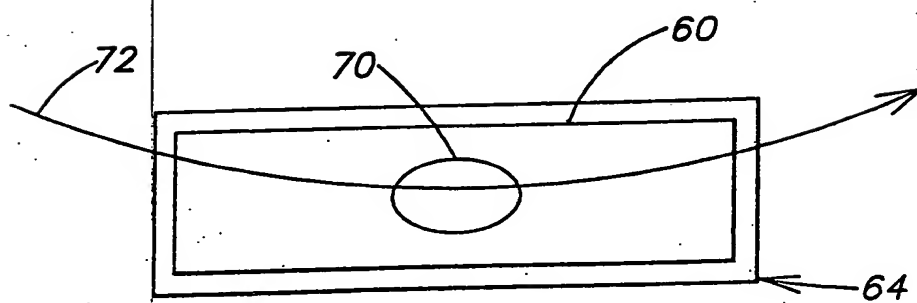
**FIG. 12**



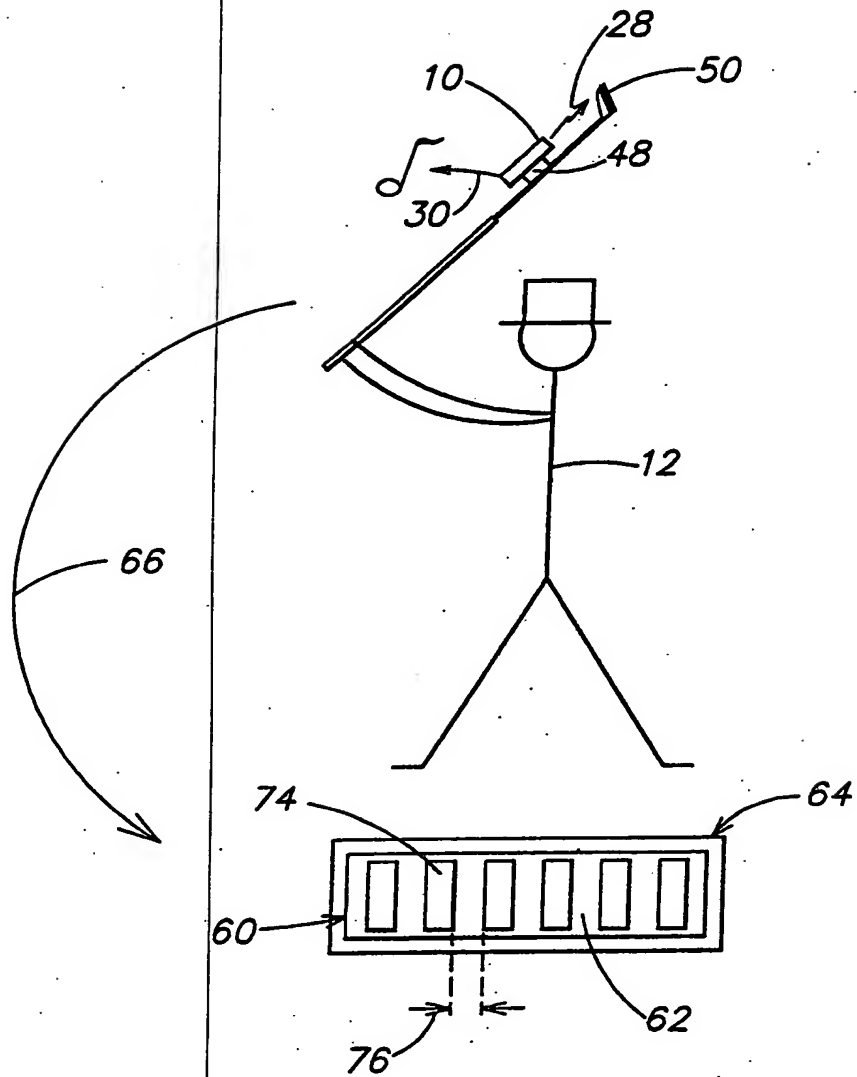
**FIG. 13**

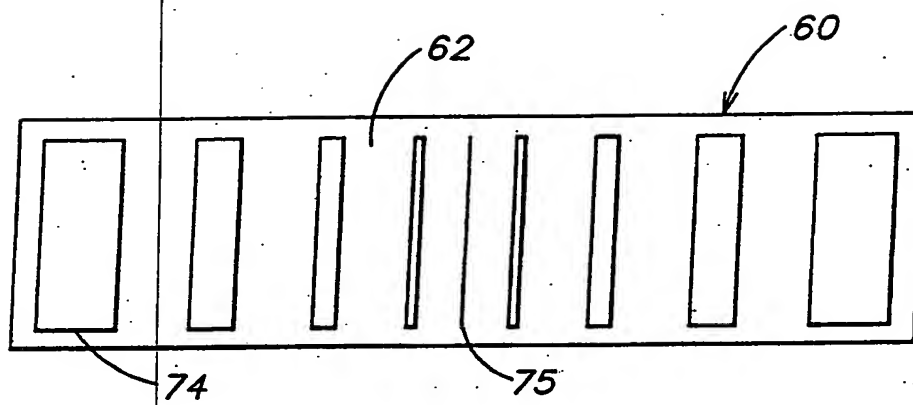


**FIG. 14**

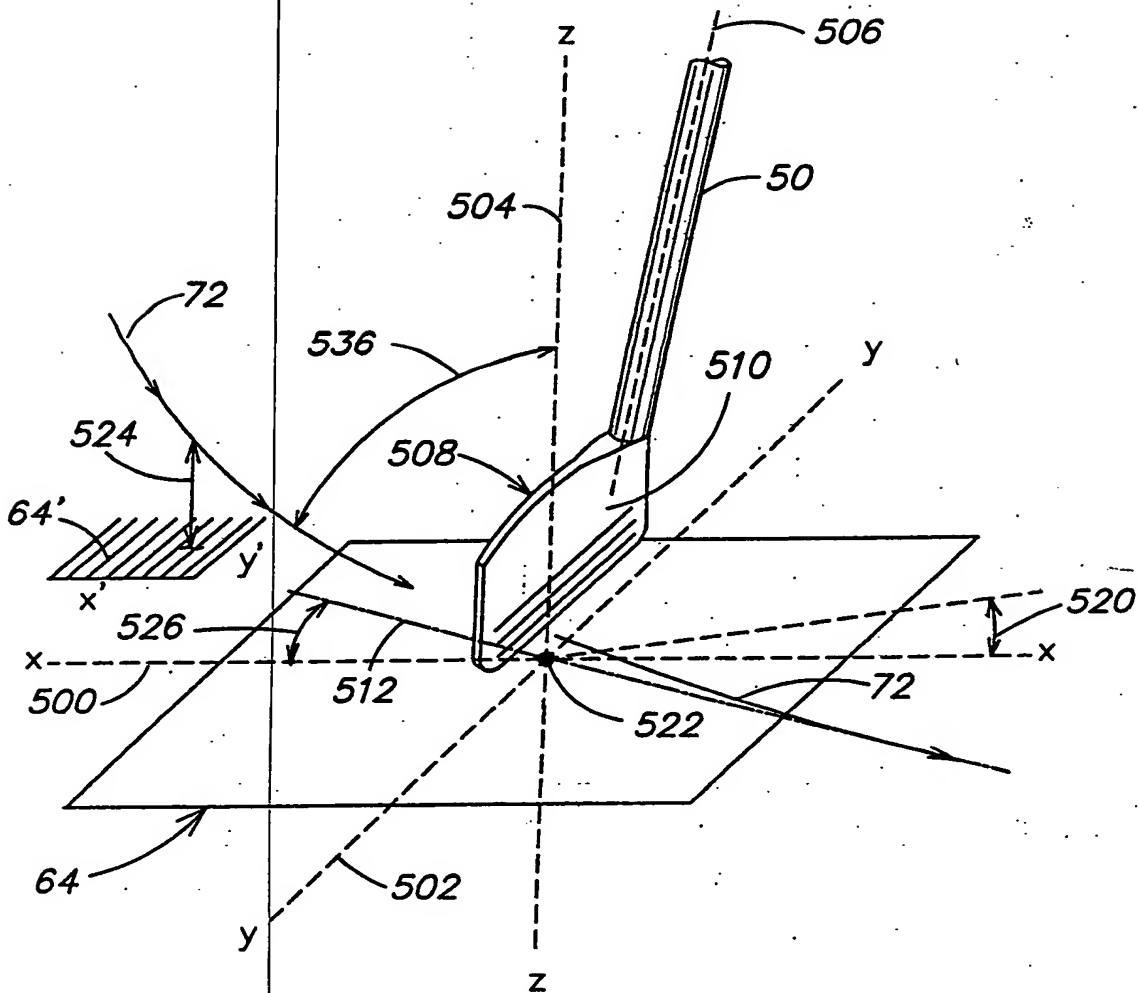


**FIG 15**

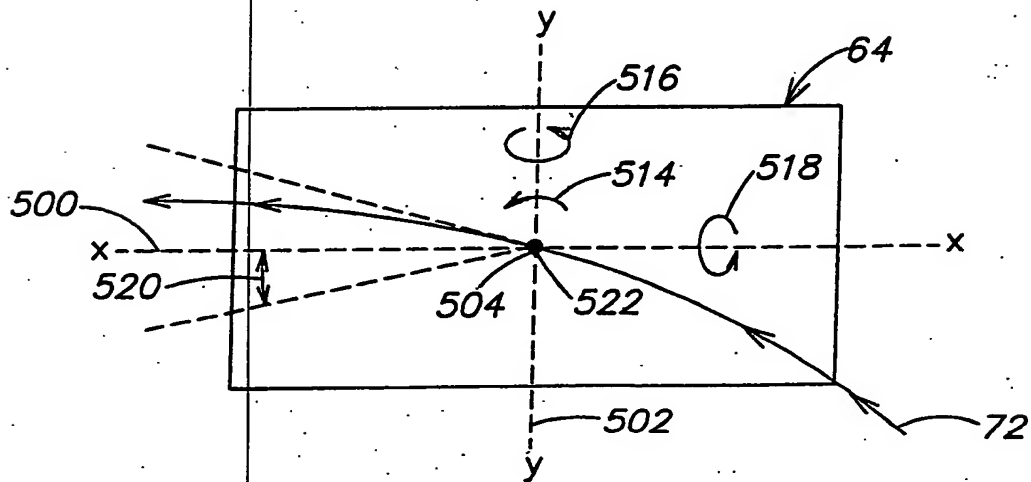
**FIG. 16**



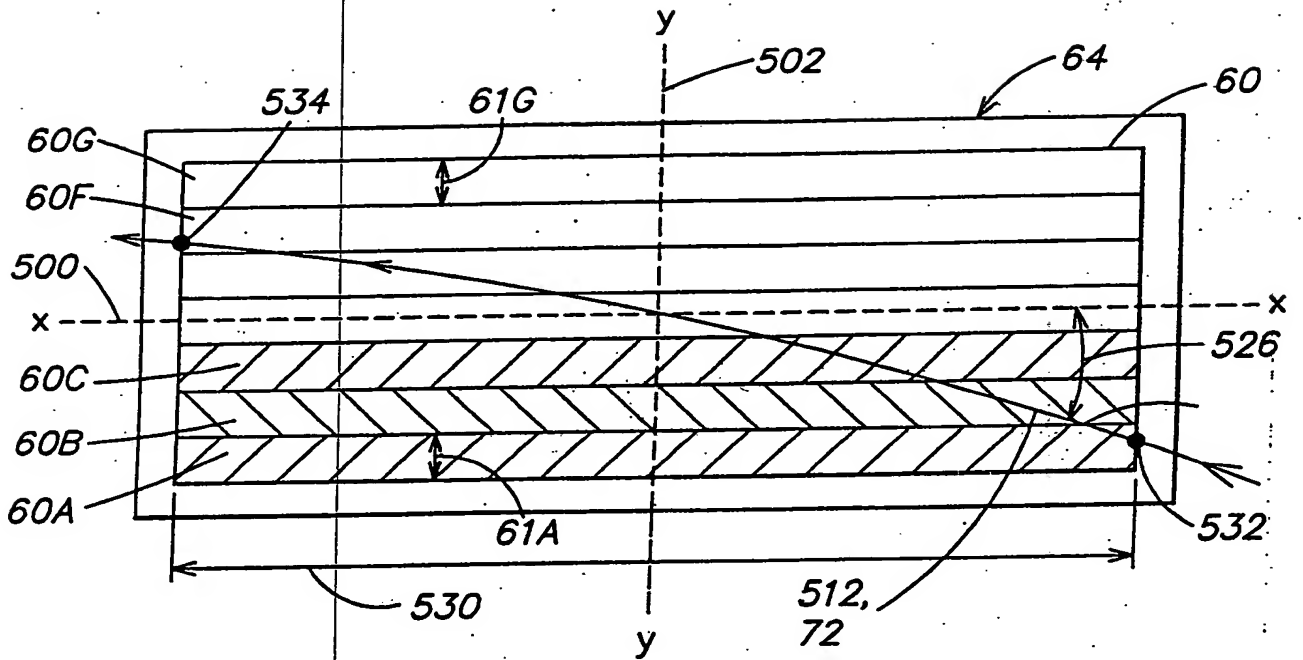
**FIG. 17**

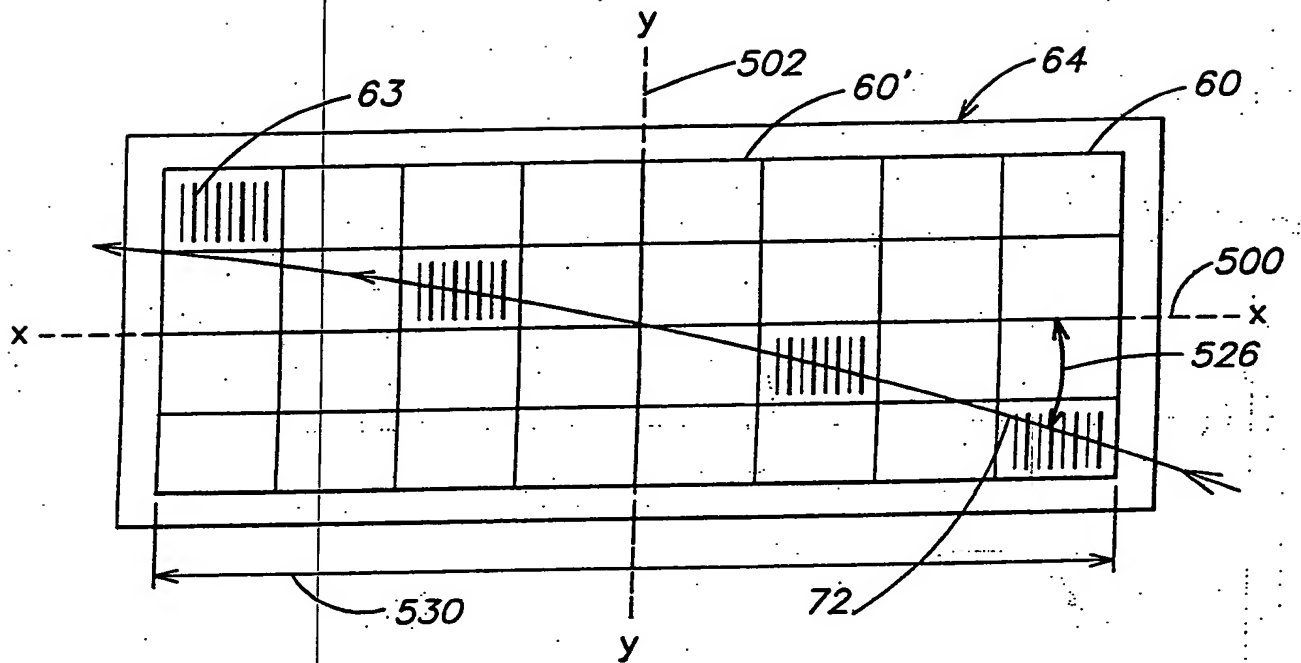


**FIG. 18**



**FIG. 19**

**FIG. 20**

**FIG. 21**

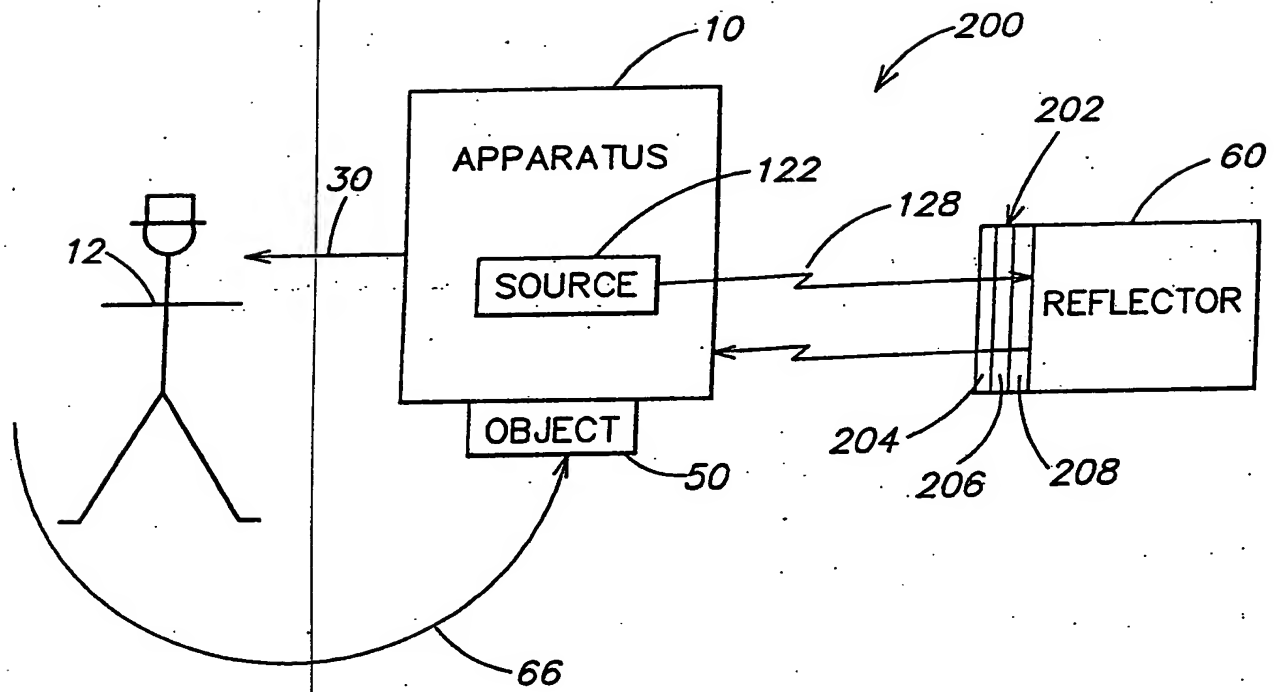


FIG. 22

20/36

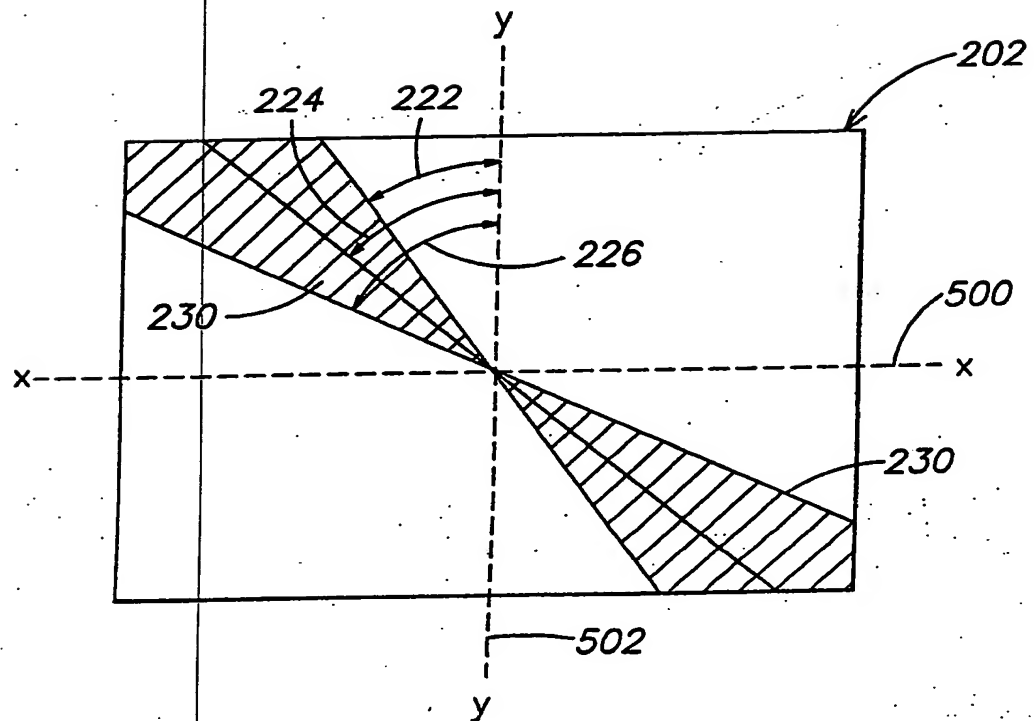


FIG. 23

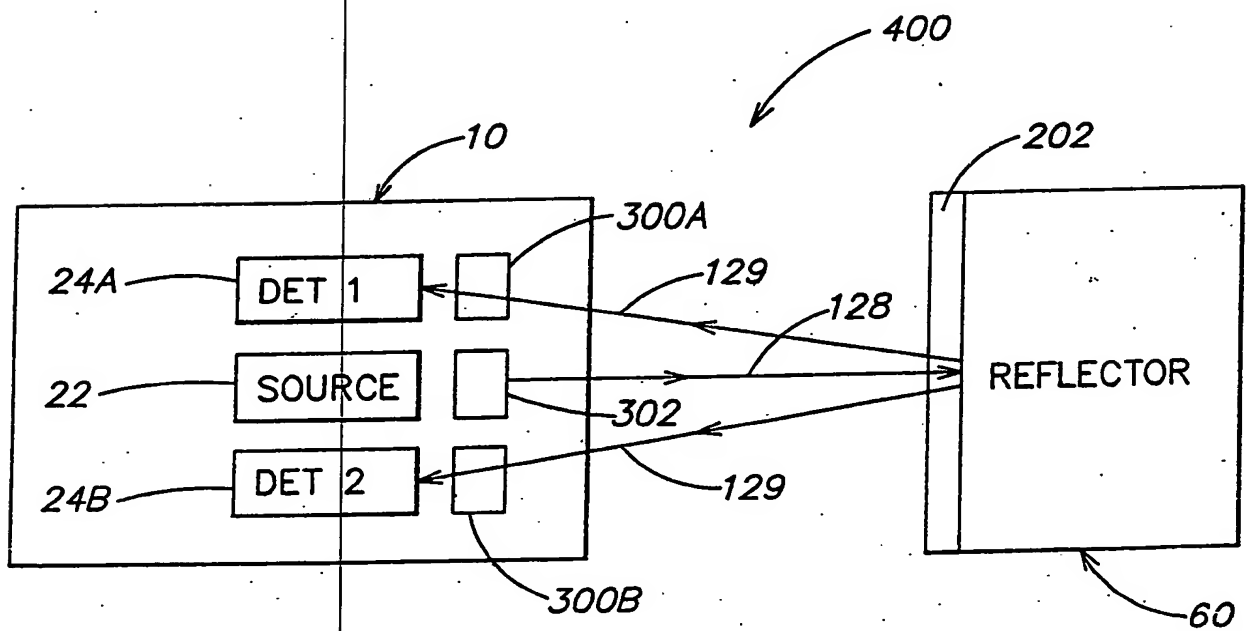


FIG. 24

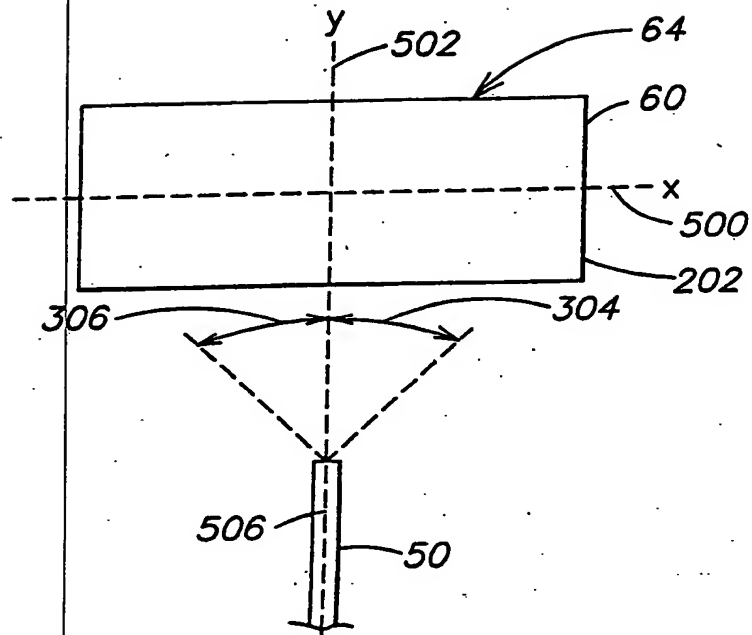


FIG. 25

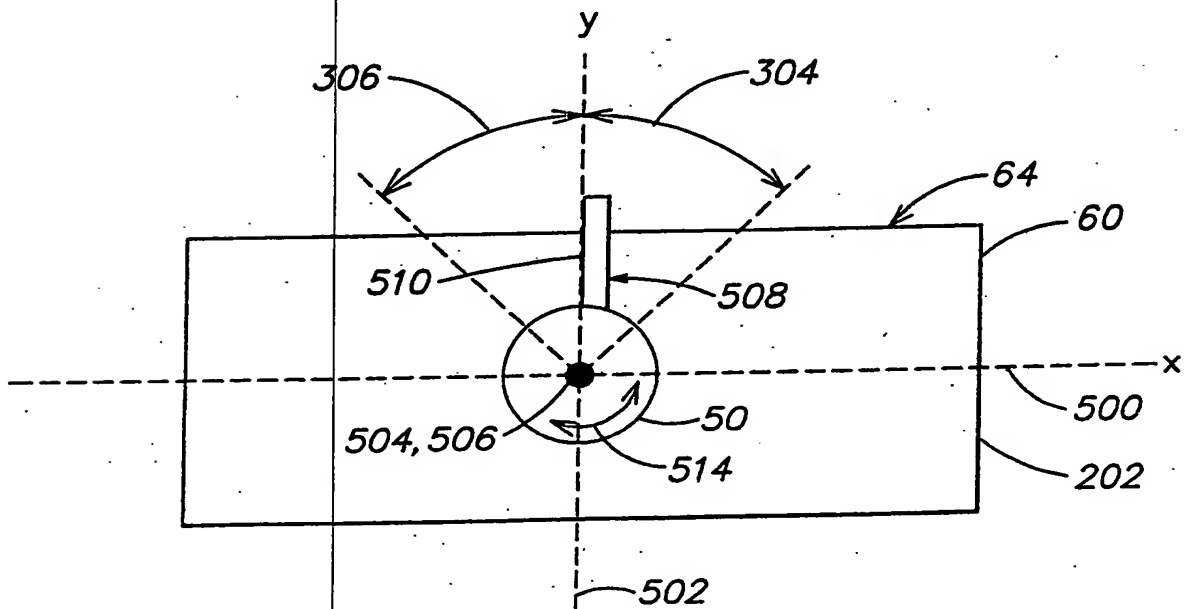
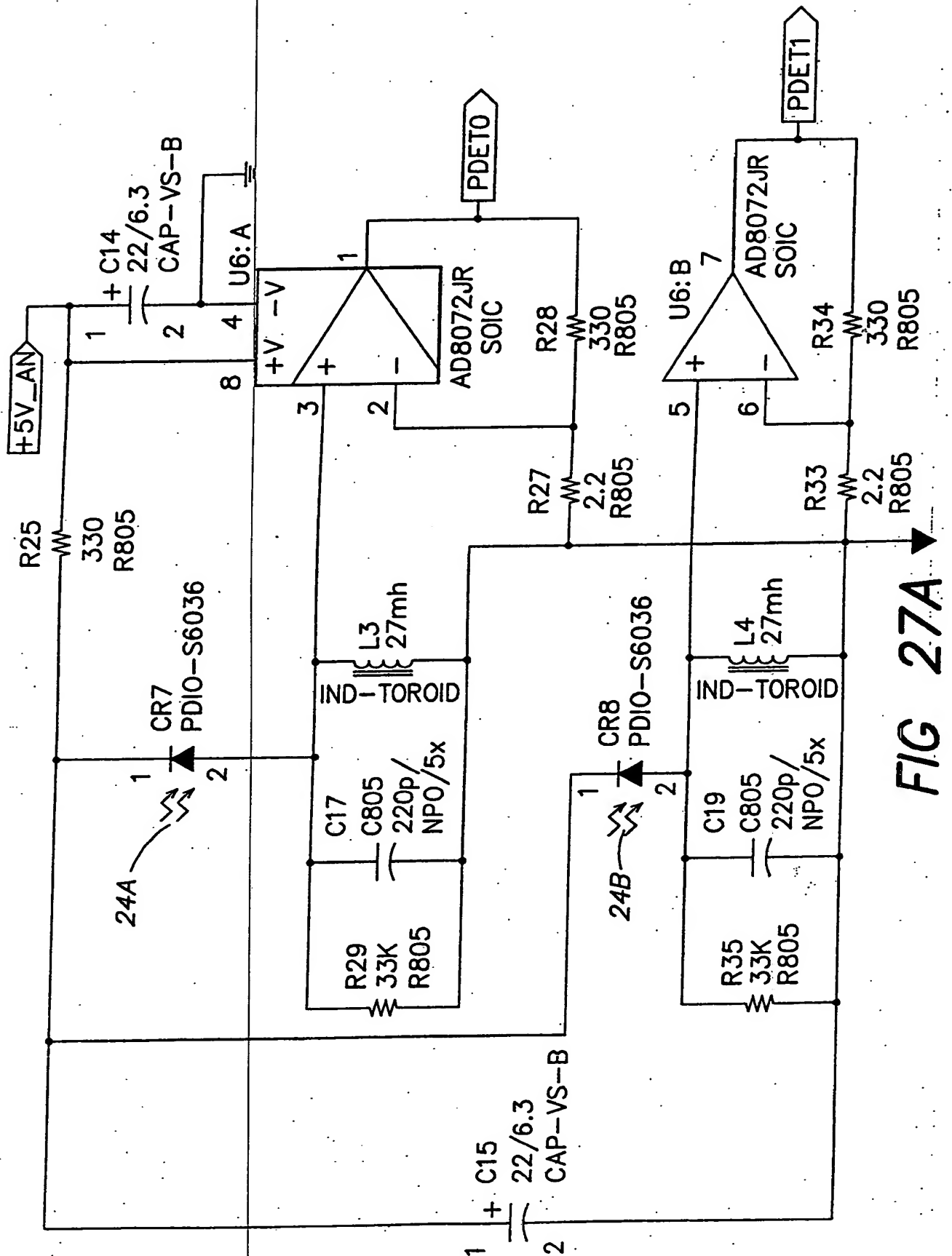


FIG. 26





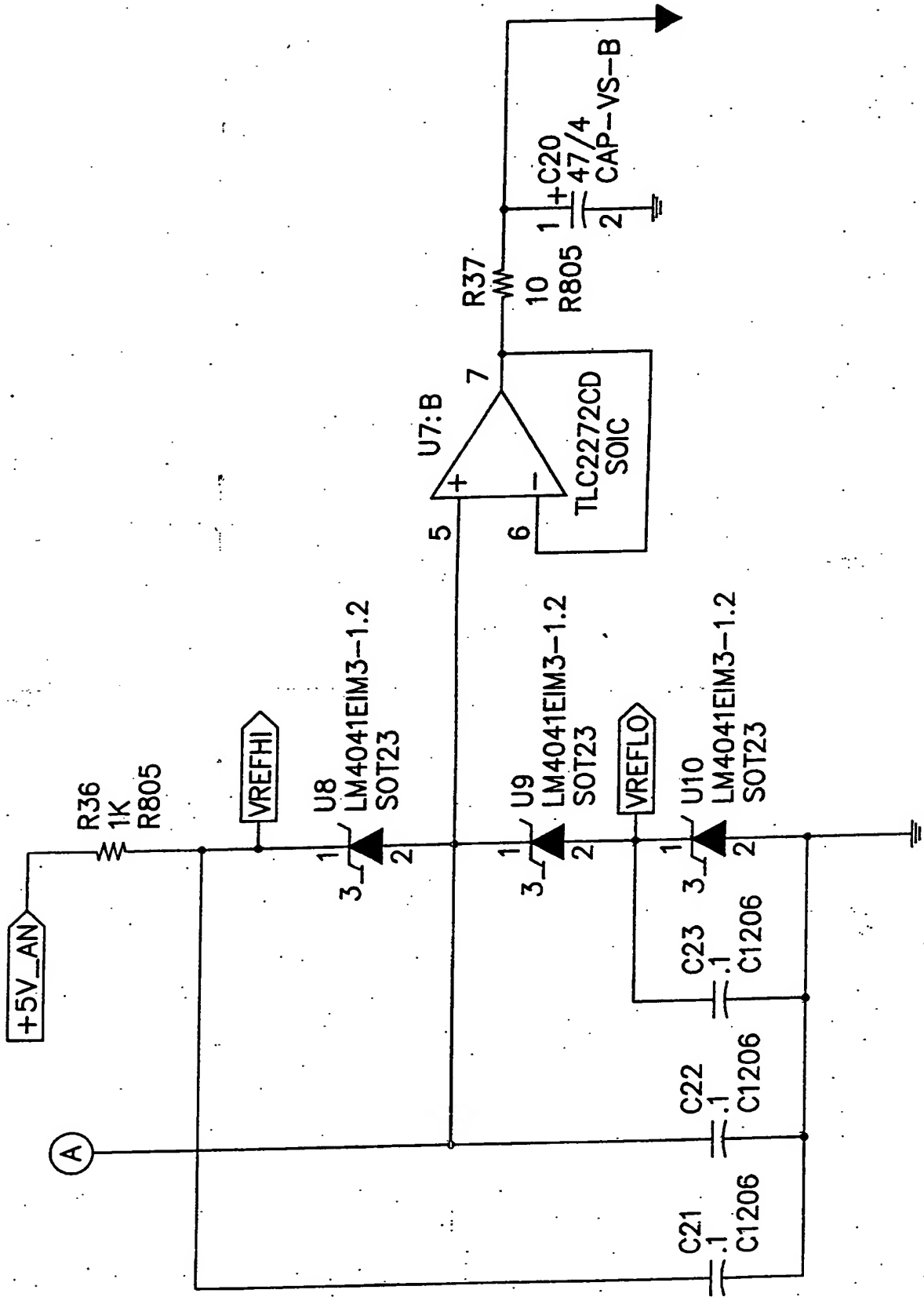


FIG 27B(2)



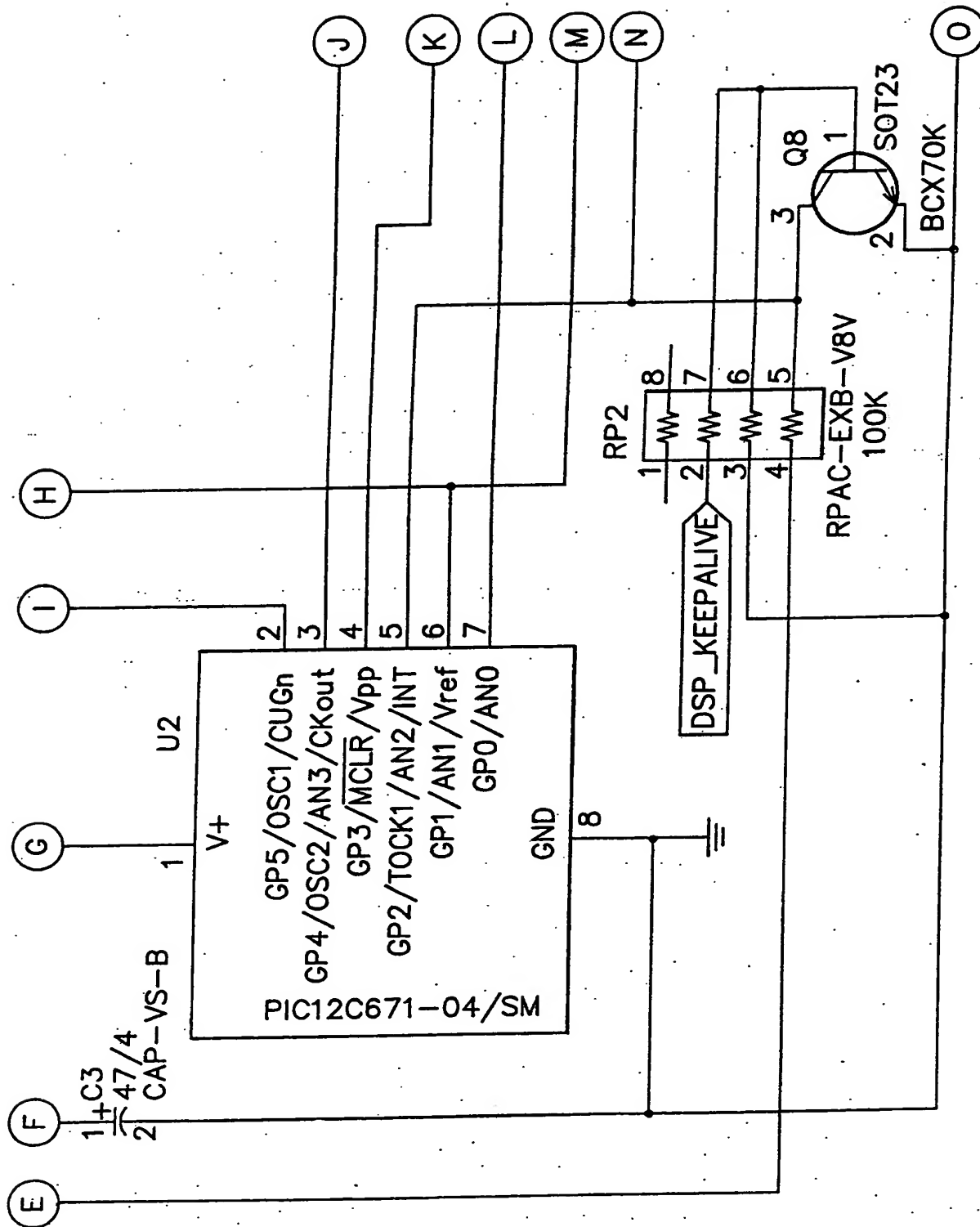


FIG 28B

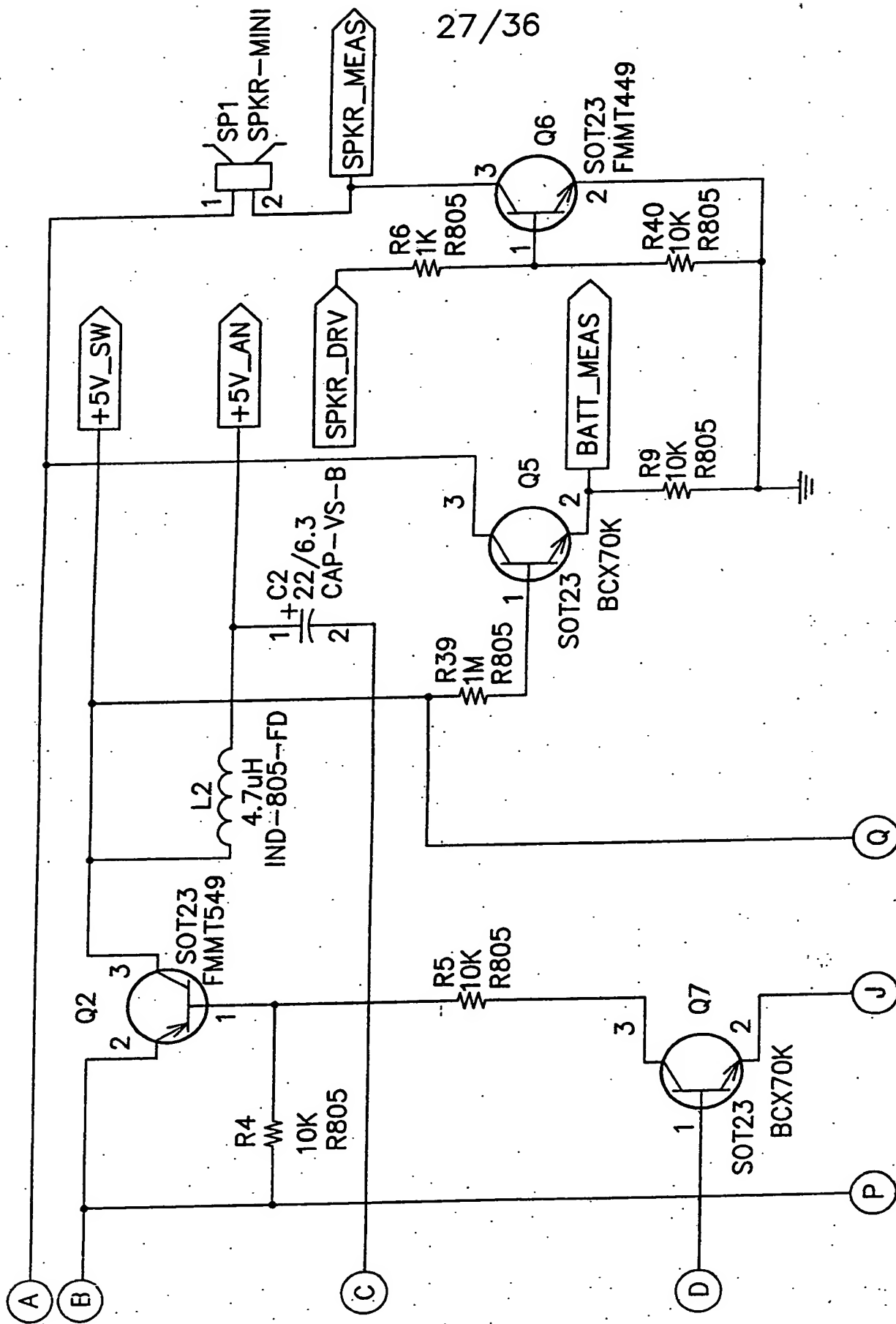


FIG 28C



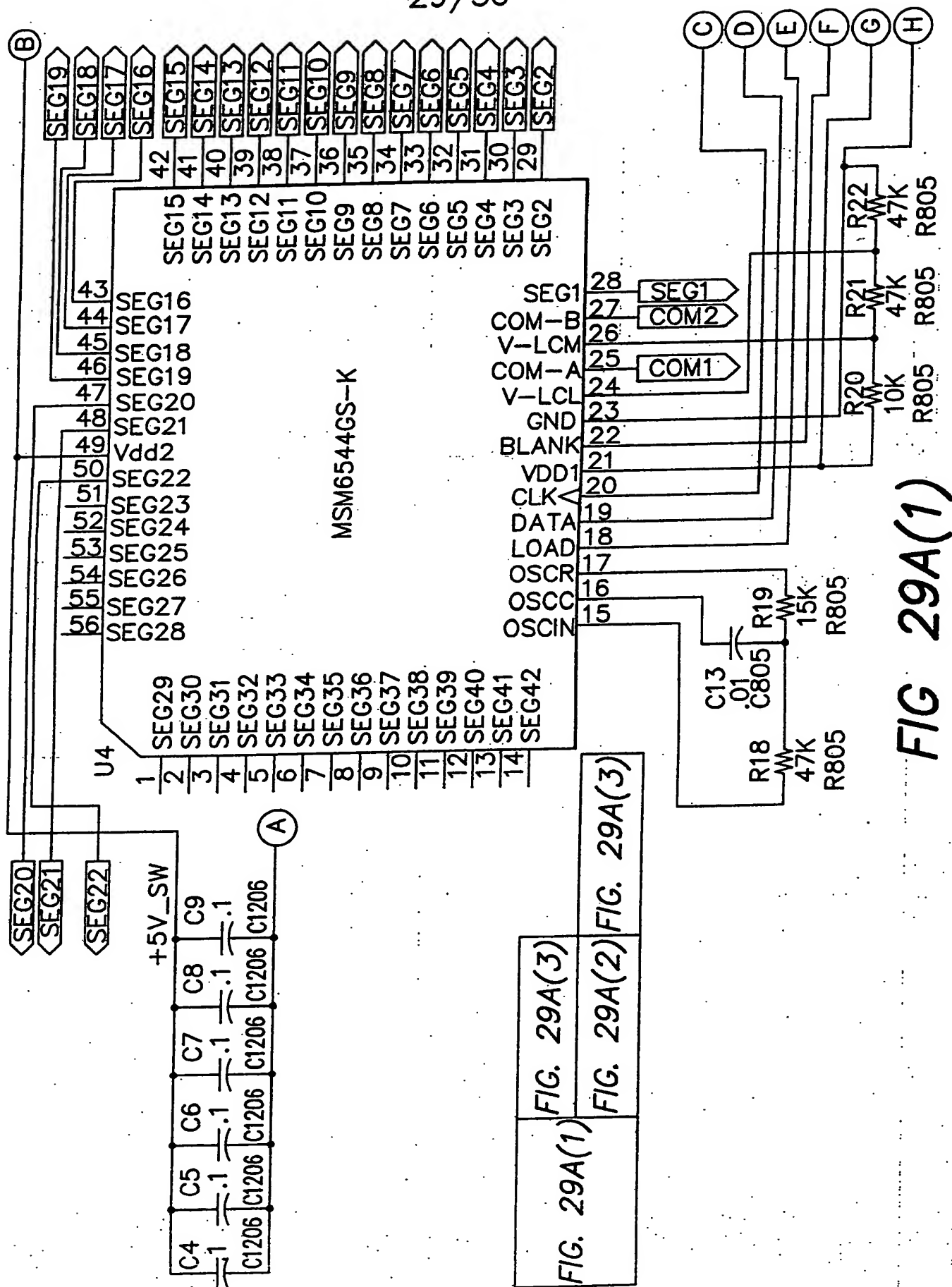


FIG 29A(1)

30/36

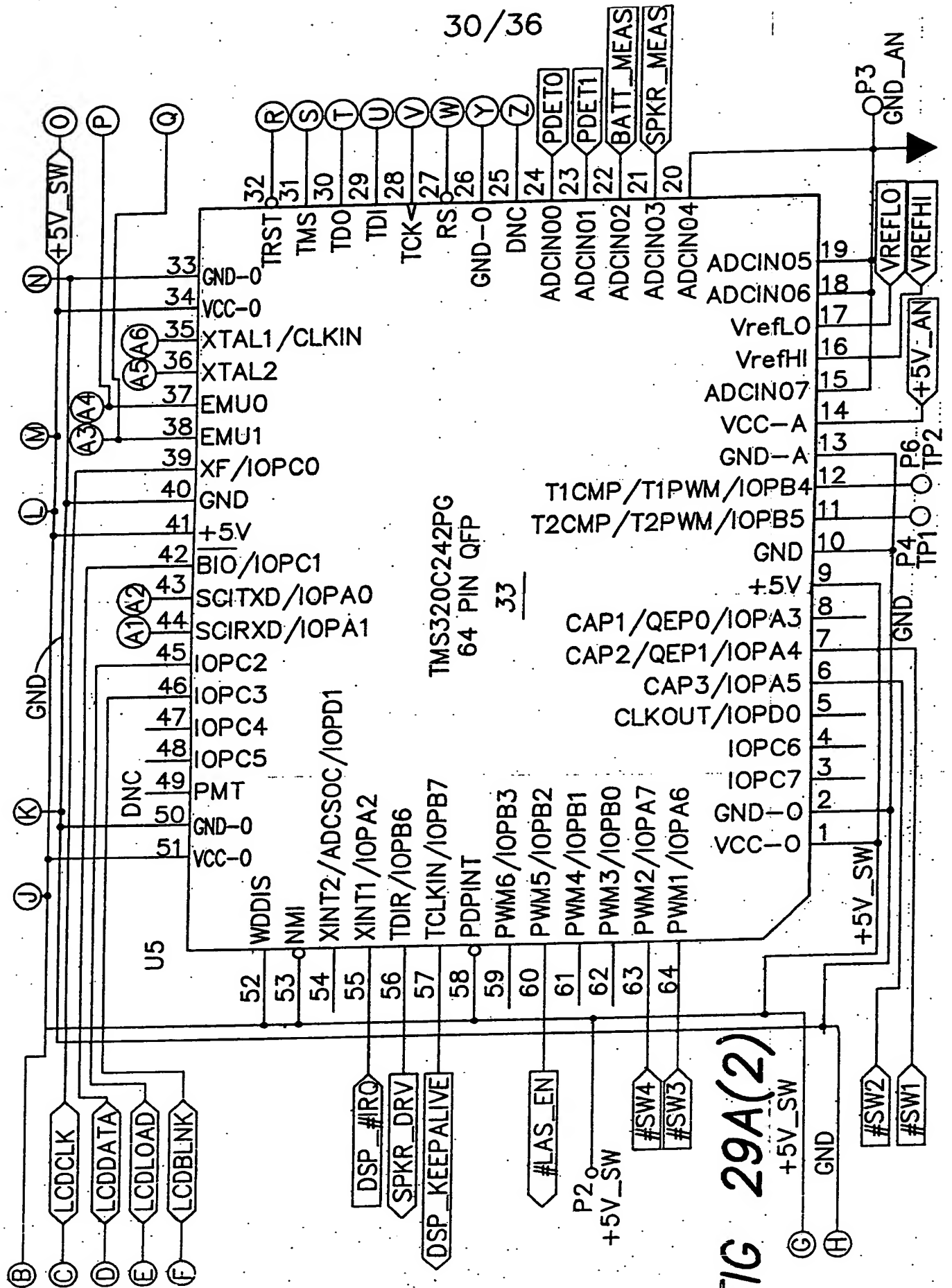


FIG 29A(2)

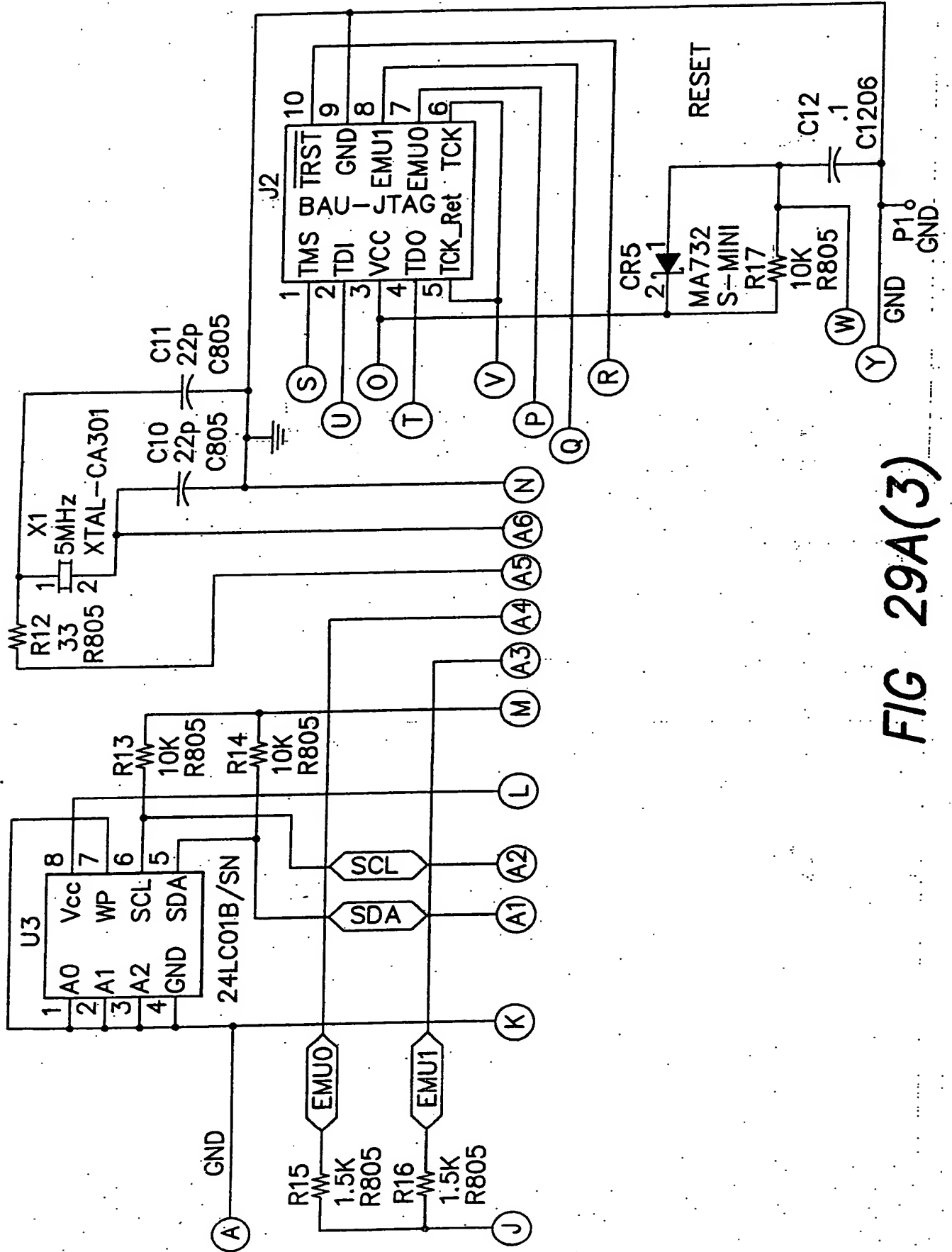


FIG 29A(3)

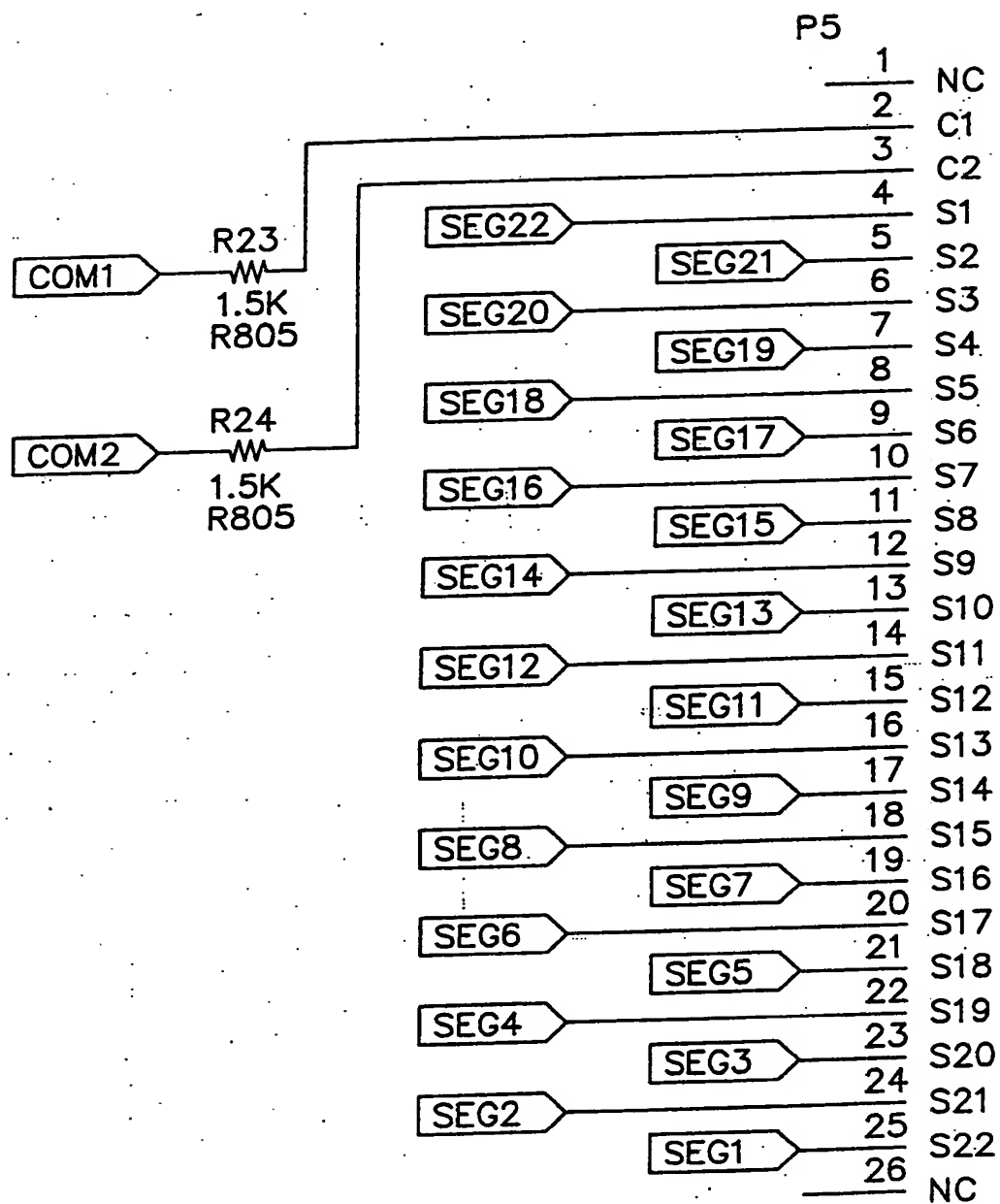
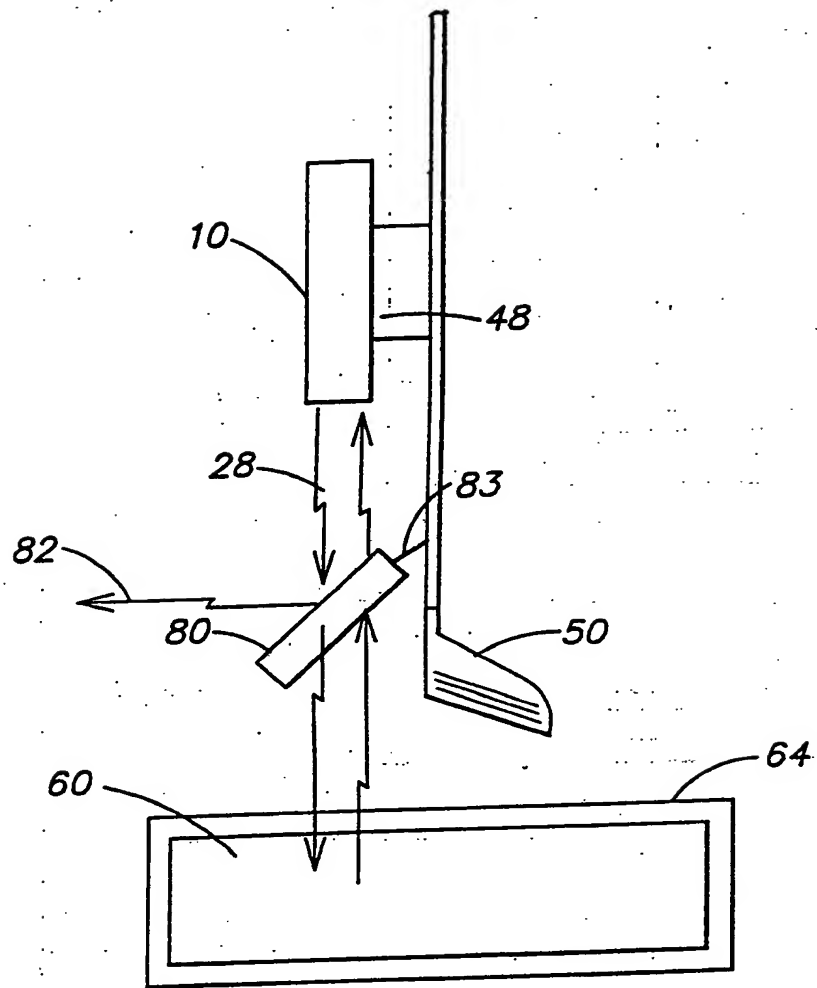


FIG 29B

**FIG. 30**

34/36

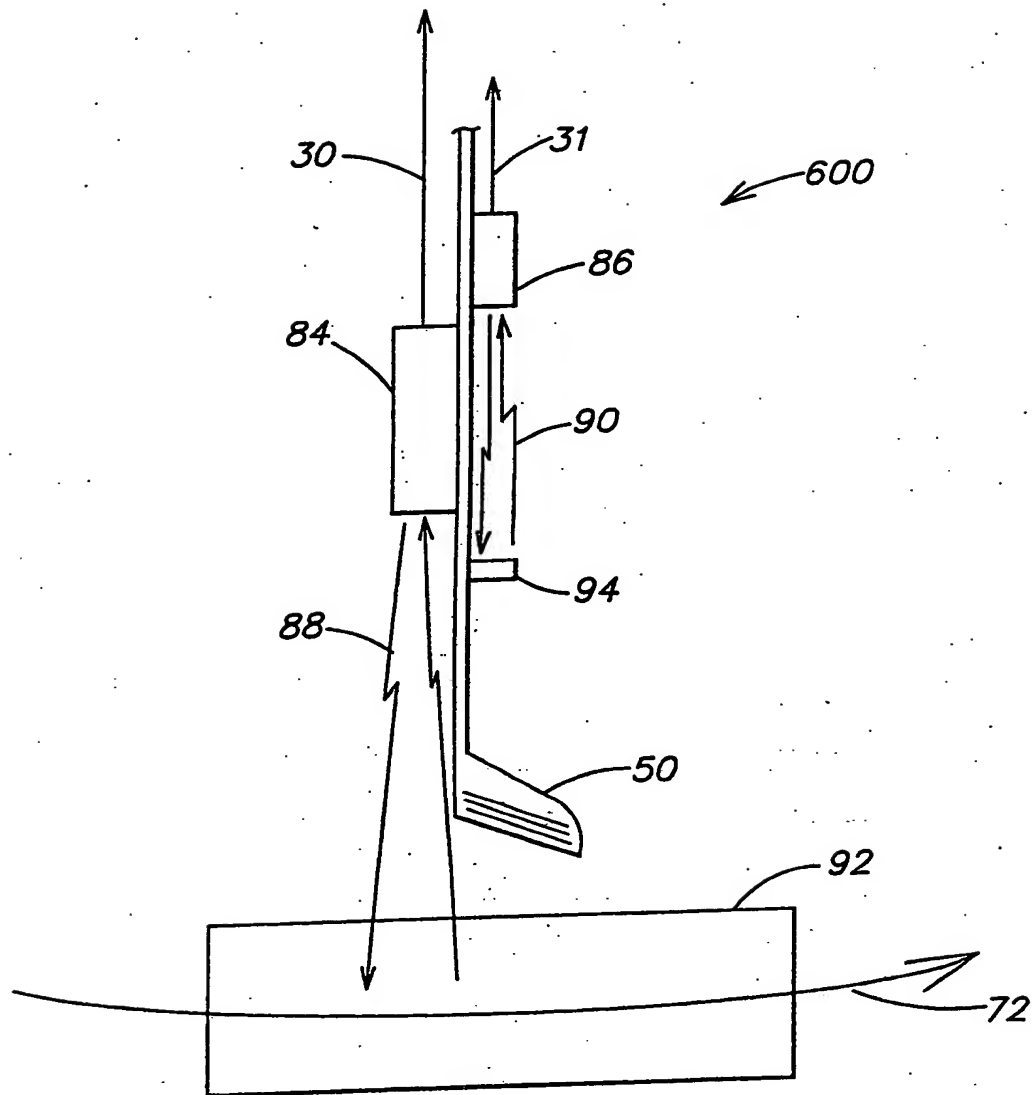
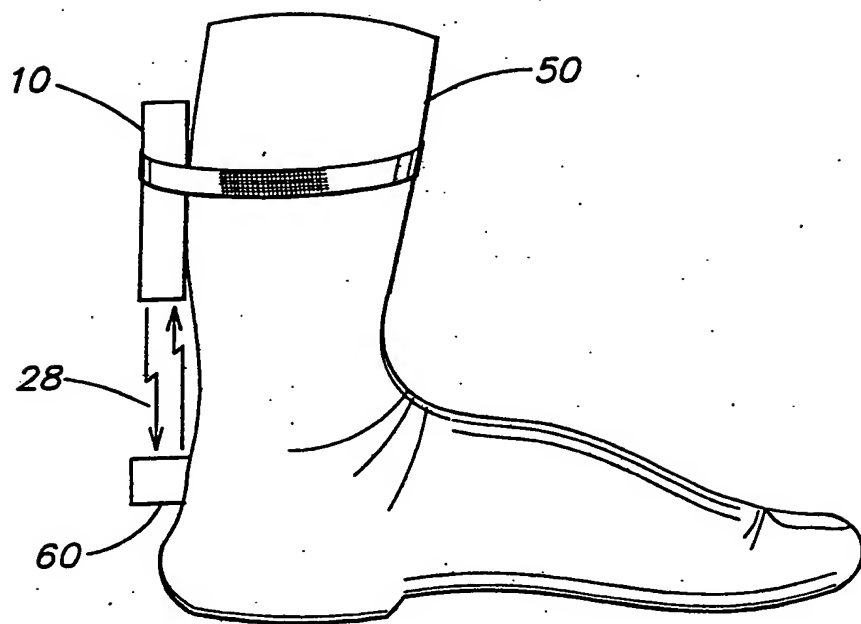


FIG. 31



**FIG. 32**

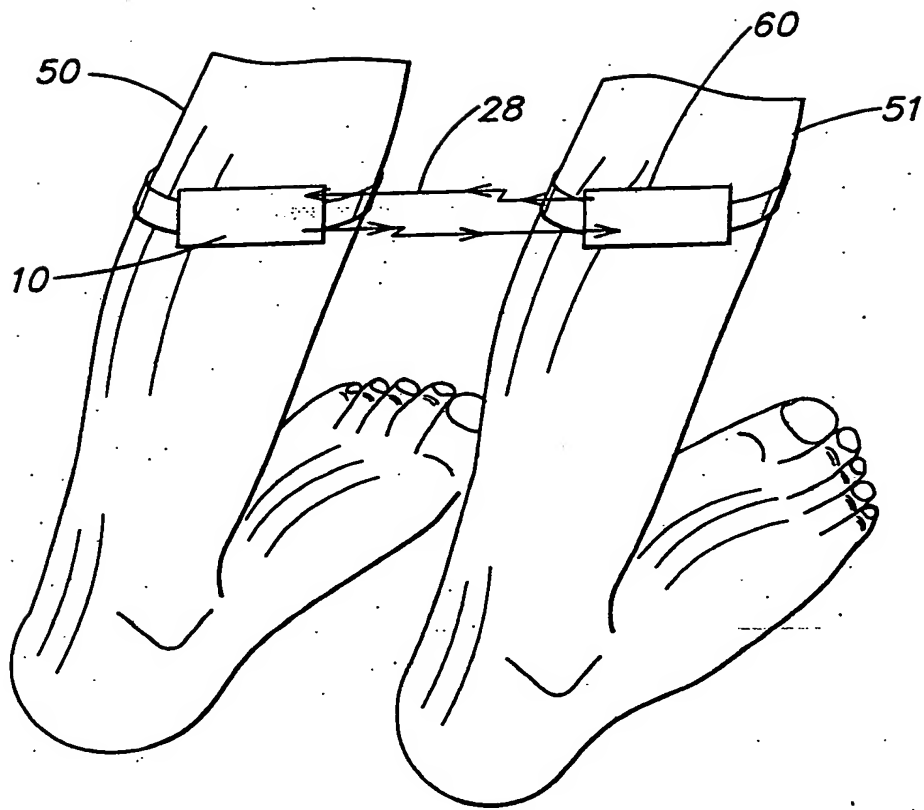


FIG 33